

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 101051345
Source: IFUSIC
Date Processed by STIC: 11-17-04

ENTERED



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/051,345

DATE: 11/17/2004
TIME: 09:48:29

Input Set : A:\PTO.LM.TXT
Output Set: N:\CRF4\11172004\J051345.raw

3 <110> APPLICANT: Fung, Yuen Kai
 4 Gomer, Charles
 5 Ang, Anne T'
 7 <120> TITLE OF INVENTION: Methods To Enhance And Confine Expression of Genes
 9 <130> FILE REFERENCE: D6087D
 11 <140> CURRENT APPLICATION NUMBER: 10/051,345
 12 <141> CURRENT FILING DATE: 2002-01-18
 13 <150> PRIOR APPLICATION NUMBER: 60/096,947
 14 <151> PRIOR FILING DATE: 1998-08-18
 16 <160> NUMBER OF SEQ ID NOS: 9
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 441
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Unknown
 23 <220> FEATURE:
 25 <221> NAME/KEY: exon
 26 <223> OTHER INFORMATION: sequence encoding N-terminus (amino acids 1-147)
 27 DNA-binding domain of yeast GAL4 protein
 29 <400> SEQUENCE: 1
 30 atgaagctac tgtcttctat cgaacaagca tgcgatattt gccgacttaa 50
 31 aaaagctcaag tgctccaaag aaaaaccgaa gtgcgccaag tgtctgaaga 100
 32 acaactggga gtgtcgctac tctcccaaaa ccaaaaggtc tccgctgact 150
 33 agggcacatc tgacagaagt ggaatcaagg ctagaaagac tggAACAGCT 200
 34 atttctactg attttcctc gagaagacct tgacatgatt ttgaaaatgg 250
 35 attctttaca ggtataaaaa gcattgttaa caggattatt tgtacaagat 300
 36 aatgtgaata aagatgccgt cacagataga ttggcttcag tggagactga 350
 37 tatgcctcta acattgagac agcatagaat aagtgcgaca tcatacatcg 400
 38 aagagagtag taacaaaggt caaagacagt tgactgtatc g 441
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 315
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Unknown
 45 <220> FEATURE:
 47 <221> NAME/KEY: exon
 48 <223> OTHER INFORMATION: sequence encoding basic helix-loop-helix leucine
 49 zipper domain of Max (amino acids 8-112)
 51 <400> SEQUENCE: 2
 52 gaggtggaga gcgacgaaga gcaaccgagg tttcaatctg cggctgacaa 50
 53 acgggctcat cataatgcac tggAACGAAA acgttagggac cacatcaaag 100
 54 acagcttca cagttgcgg gactcagtcc catcaactcca aggagagaag 150
 55 gcatcccggg cccaaatcct agacaaagcc acagagtata tccagtatat 200
 56 gcgaggaaa aaccacacac accagcaaga tattgacgac ctcaagcggc 250
 57 agaatgctct tctggagcag caagtccgtg cactggagaa ggcgaggta 300

RAW SEQUENCE LISTING DATE: 11/17/2004
 PATENT APPLICATION: US/10/051,345 TIME: 09:48:29

Input Set : A:\PTO.LM.TXT
 Output Set: N:\CRF4\11172004\J051345.raw

```

58 agtgc当地 aac tgcag 315
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 33
62 <212> TYPE: DNA
63 <213> ORGANISM: Unknown
65 <220> FEATURE:
67 <221> NAME/KEY: exon
68 <223> OTHER INFORMATION: sequence encoding the first 11 amino acids of Gal4
70 <400> SEQUENCE: 3
71 atgaagctac tgtcttctat cgaacaagca tgc 33
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 387
75 <212> TYPE: DNA
76 <213> ORGANISM: Unknown
78 <220> FEATURE:
80 <221> NAME/KEY: exon
81 <223> OTHER INFORMATION: sequence encoding the C-terminus transactivation
82 domain of herpes simplex viral protein VP16
84 <400> SEQUENCE: 4
85 gctgtacagcc ggc当地 cgtac gaaaaacaat tacgggtctta ccatcgaggg 50
86 cctgctcgat ctc当地 ggacg acgacgcccc cgaagaggcg gggctggcgg 100
87 ctccg当地 gcttctc cccgcccggac acacg cgc当地 actgtcgacg 150
88 gccccccca gcaatgtcag cctgggggac gagctccact tagacggcga 200
89 ggacgtggcg atggc当地 atg cgc当地 cgt agacgatttc gatctggaca 250
90 ttttggggga cggggattcc cccgggtccgg gatttacccc ccacgactcc 300
91 gccccctacg ggc当地 ctgga tatggccgac ttccgatttg agcagatgtt 350
92 taccgatgccc cttggaaattt acgagta cgg tggtag 387
94 <210> SEQ ID NO: 5
95 <211> LENGTH: 270
96 <212> TYPE: DNA
97 <213> ORGANISM: Unknown
99 <220> FEATURE:
101 <221> NAME/KEY: exon
102 <223> OTHER INFORMATION: sequence encoding the basic helix-loop-helix
103 leucine zipper domain of c-Myc
105 <400> SEQUENCE: 5
106 accgaggaga atgtcaagag gcaacacac aacgtcttgg agcgccagag 50
107 gaggaacgag ctaaaacgga gctttttgc cctgc当地 gac cagatccccgg 100
108 agttggaaaa caatgaaaag gcccccaagg tagttatcct taaaaaaagcc 150
109 acagcataca tcctgtccgt ccaagcagag gagcaaaagc tcatttctga 200
110 agaggacttgg ttggggaaac gacgagaaca gttgaaacac aaacttgaac 250
111 agctacggaa ctcttgc当地 270
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 17
115 <212> TYPE: DNA
116 <213> ORGANISM: Unknown
118 <220> FEATURE:
120 <221> NAME/KEY: protein_bind
121 <223> OTHER INFORMATION: a 17-mer DNA-binding site for Gal4
  
```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/051,345
 DATE: 11/17/2004
 TIME: 09:48:29

Input Set : A:\PTO.LM.TXT
 Output Set: N:\CRF4\11172004\J051345.raw

123 <400> SEQUENCE: 6
 124 cgaggactg tcctccg 17
 126 <210> SEQ ID NO: 7
 127 <211> LENGTH: 1008
 128 <212> TYPE: DNA
 129 <213> ORGANISM: Unknown
 131 <220> FEATURE:
 133 <221> NAME/KEY: misc_feature
 134 <223> OTHER INFORMATION: TET-ON sequence
 136 <400> SEQUENCE: 7
 137 atgtctagat tagataaaag taaagtgatt aacagcgcatt tagagctgct 50
 138 taatgaggc ggaatcgaag gtttaacaac ccgtaaactc gcccagaagc 100
 139 ttggtgtaga gcagcctaca ctgtattggc atgtaaaaaa taagcgggct 150
 140 ttgctcgacg ccttagccat tgagatgtt aataggcacc atactcaatt 200
 141 ttgcccttta aaaggggaaa gctggcaaga tttttacgc aataacgcta 250
 142 aaagtttag atgtcttta ctaagtcatc gcaatggagc aaaagtacat 300
 143 tcagatacac ggcctacaga aaaacagttt gaaactctcg aaaatcaatt 350
 144 agcctttta tgccaaacaag gttttcact agagaacgcg ttatatgcac 400
 145 tcagcgtgt gggcatttt acttttagtt gcgtattgga agatcaagag 450
 146 catcaagtcg ctaaagaaga aaggaaaca cctactactg atagtatgcc 500
 147 gccattatttta cgacaagcta tcgaattatt tgatcacca ggtgcagagc 550
 148 cagccttatttta attccggcatttta gaattgtatca tatgcggatt agaaaaacaa 600
 149 cttaaatgtg aaagtgggtc cgcgtacacgc cgcgcgcgtt cgcggggaaa 650
 150 ttacgggtctt accatcgagg gcctgctcga tctccggac gacgacgccc 700
 151 ccgaagaggc ggggctggcg gctccgcgc tgcctttttt ccccgccgggaa 750
 152 cacacgcgcgca gactgtcgac ggcccccccg accgatgtca gcctggggga 800
 153 cgagctccac ttagacggcg aggacgtggc gatggcgcattt gccgacgcgc 850
 154 tagacgattt cgatctggac atgttgggggg acggggattt cccgggtccg 900
 155 ggatttaccc cccacqactc cqccccctac ggcgcctctgg atatggccga 950
 156 cttcgagttt gaggcagatgt ttaccgatgc ctttggattt gacgagtttacg 1000
 157 gtgggttag 1008
 159 <210> SEQ ID NO: 8
 160 <211> LENGTH: 80
 161 <212> TYPE: DNA
 162 <213> ORGANISM: Unknown
 164 <220> FEATURE:
 166 <221> NAME/KEY: misc_feature
 167 <223> OTHER INFORMATION: the first 80 bases of TET-ON sequence
 169 <400> SEQUENCE: 8
 170 atgtctagat tagataaaag taaagtgatt aacagcgcatt tagagctgct 50
 171 taatgaggc ggaatcgaag gtttaacaac 80
 173 <210> SEQ ID NO: 9
 174 <211> LENGTH: 621
 175 <212> TYPE: DNA
 176 <213> ORGANISM: Unknown
 178 <220> FEATURE:
 180 <221> NAME/KEY: exon
 181 <223> OTHER INFORMATION: sequence encoding tet repressor (amino acids 1-207)
 183 <400> SEQUENCE: 9

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/051,345

DATE: 11/17/2004

TIME: 09:48:29

Input Set : A:\PTO.LM.TXT

Output Set: N:\CRF4\11172004\J051345.raw

184	atgtctagat	tagataaaag	taaaagtgatt	aacagcgcac	tagagctgct	50
185	taatgaggc	ggaatcgaag	gtttaacaac	ccgtaaactc	gcccagaagc	100
186	ttgggtgtaga	gcagcctaca	ctgtattggc	atgtaaaaaa	taagcgggct	150
187	ttgctcgacg	ccttagccat	tgagatgta	gataggcacc	atactcaatt	200
188	ttgccctta	aaaggggaaa	gctggcaaga	tttttacgc	aataacgcta	250
189	aaagtttag	atgtgctta	ctaagtcatc	gcaatggagc	aaaagtacat	300
190	tcagatacac	ggcctacaga	aaaacagtat	gaaactctcg	aaaatcaatt	350
191	agcctttta	tgccaaacaag	gttttcact	agagaacgcg	ttatatgcac	400
192	tcagcgctgt	ggggcatttt	acttttagtt	gcgtattgga	agatcaagag	450
193	catcaagtcg	ctaaagaaga	aaggaaaca	cctactactg	atagtatgcc	500
194	gccattattta	cgacaagcta	tcgaattatt	tgatcaccaa	ggtgcagagc	550
195	cagccttctt	attcggcatt	gaattgatca	tatgcggatt	agaaaaacaa	600
196	cttaaatgtg	aaagtggc	c			621

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/051,345

DATE: 11/17/2004

TIME: 09:48:30

Input Set : A:\PTO.LM.TXT

Output Set: N:\CRF4\11172004\J051345.raw